



Rev. 05/01/03

2200  
DPC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Otis G. Peterson Docket No.: S-100,643  
Serial No.: 10/630,111 Examiner: Behrend, Harvey E.  
Filed : 7/30/2003 Art Unit: 3641  
For : SELF-REGULATING NUCLEAR POWER MODULE

Mail Stop Petition  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

PETITION FOR REVIVAL OF AN APPLICATION  
FOR PATENT ABANDONED UNINTENTIONALLY

Sir:

1. This application became abandoned on April 1, 2005.
2. This application became abandoned because the failure to prosecute was an unintentional delay. The entire delay in filing the required reply from the due date until the filing of this petition was unintentional 37 C.F.R. § 1.137(b)(3).
3. Response or action required  
 has been filed.  
 is attached.

(complete the following if applicable)

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

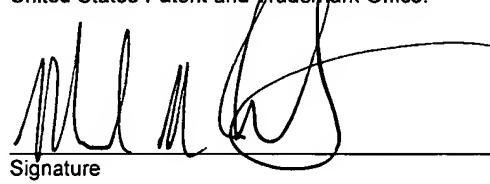
I hereby certify that this correspondence is, on the date shown below, being:

MAILING

deposited with the United States Postal Service  
with sufficient postage as first class mail in an  
envelope addressed to the:  
Commissioner for Patents, P. O. Box 1450,  
Alexandria, VA 22313-1450.

FACSIMILE

transmitted by facsimile to the  
United States Patent and Trademark Office.

  
Signature

Date December 7, 2005

Mark N. Fitzgerald  
(type or print name of person certifying)

Because this petition is more than 3 months after the date the Office first notified the applicant that the application is abandoned, applicant additionally submits a showing as to how the delay between the date the applicant was first notified that the application is abandoned and the filing of this petition under 37 C.F.R. § 1.134(b) was unintentional. 62 Fed Reg. 53,131, 53,159 (Oct. 10, 1997).

Reason for Delay

The delay between the notice of abandonment and this request was due to a change in Intellectual Property management at Los Alamos National Laboratory that occurred during the same time period in question [April 2005]. The new IP management was unaware of the prior events concerning this application, however, once those events were reviewed with the inventor and the Technology Transfer office of Los Alamos, a decision to proceed with amended claims was made in November 2005.

Date: December 7, 2005

Reg. No. 48,300  
Phone (505) 665-5187

Respectfully submitted,

\_\_\_\_\_  
Signature of Attorney

Mark N. Fitzgerald  
Los Alamos National Laboratory  
LC/IP, MS A187  
Los Alamos, New Mexico 87545



## FEE TRANSMITTAL

## For FY 2005

Patent fees are subject to annual revision

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT: \$ 750.00

Complete if Known	
Application Number:	10/630,111
Filing Date:	7/30/2003
First Named Inventor:	Otis G. Peterson
Examiner Name:	Behrend, Harvey E.
Group/Art Unit:	3641
Attorney Docket No.:	S-100,643

## METHOD OF PAYMENT (check all that apply)

1.  The commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
Deposit Account Number: 12-2150  
Deposit Account Name: Los Alamos National Laboratory

Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17

## FEE CALCULATION

## 1. COMBINED FILING FEE

Large Entity Small Entity

Fee	Fee	Fee Description	Fee Paid
1001	\$300	2001 \$150	Basic Filing fee \$ 0.00
1004	\$300	2004 \$150	Reissue Filing fee \$ 0.00
1111	\$500	2111 \$250	Search Fee \$ 0.00
1311	\$200	2311 \$100	Examination Fee \$ 0.00
1005	\$200	2005 \$100	Provisional Filing Fee
1085	\$250	2085 \$125	Provisional Size Fee
(for each additional 50 sheets that exceeds 100 sheets)			

SUBTOTAL (1) \$ 0.00

## 2. EXTRA CLAIM FEES/APPLICATION SIZE FEE

Extra Claims	Fee from Fee Paid Below
Total Claims	-20** = X = \$ 0.00
Independent	-3 ** = X = \$ 0.00
Claims	
Multiple Dependent	X 180 = \$ 0.00

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity	Small Entity	Fee Description
1202	\$50	2202 \$25 Claims in excess of 20
1201	\$200	2201 \$100 Independent claims in excess of 3
1203	\$360	2203 \$180 Multiple dependent claim, if not paid.
1204	\$88	2204 \$44 ** Reissue independent claims over original patent
1205	\$18	2205 \$9 ** Reissue claims in excess of 20 and over original patent
		Total Claims Fee \$ _____

## APPLICATION SIZE FEE

1081	\$250	2081 \$125.00	For each additional 50 sheets that exceed 100 sheets, including specification and drawings
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SUBTOTAL (2) \$0.00

(Include total of Claims Fees and Size Fee here)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051	\$130	2051 \$65 Surcharge – late filing fee or oath	
1052	\$50	2052 \$25 Surcharge – late provisional filing fee or cover sheet	
1812	\$250	201812 \$250 For filing a request for reexamination	
1251	\$120	2251 \$60 Extension for reply within first month	
1252	\$450	2252 \$225 Extension for reply within second month	
1253	\$1020	2253 \$510 Extension for reply within third month	
1254	\$1590	2254 \$795 Extension for reply within fourth month	
1255	\$2160	2255 \$1080 Extension for reply within fifth month	
1401	\$500	2401 \$250 Notice of Appeal	
1402	\$500	2402 \$250 Filing a brief in support of an appeal	
1403	\$1000	2403 \$500 Request for oral hearing	
1452	\$500	2452 \$250 Petition to revive – unavoidable	
1814	\$110	2814 \$55 Terminal Disclaimer	
1453	\$1500	2453 \$750 Petition to revive – unintentional	\$750.00
1460	\$130	1460 \$130 Petitions to the Director	
1806	\$180	1806 \$180 Submission of Information Disclosure Statement	
1809	\$790	2809 \$395 Filing a submission after final rejection (37 CFR 1.129 (a))	
1810	\$790	2810 \$395 For each additional invention to be examined (37 CFR 1.129(b))	
1811	\$100	1811 \$100 Certificate of Correction	
1504	\$300	1504 \$300 Publication fee for early, voluntary, or normal publication/Republication fee	
1801	\$790	2801 \$395 Request for Continued Examination (RCE)	
Other fee (specify) _____			

SUBTOTAL (3) \$750.00

Reduced by Basic Filing Fee Paid

SUBTOTAL FROM 1 \$ 0.00

SUBTOTAL FROM 2 \$ 0.00

SUBTOTAL FROM 3 \$ 750.00

TOTAL AMOUNT OF PAYMENT \$ 750.00  
(Enter total amount at top of page)

## SUBMITTED BY

Complete (if applicable)

Printed Name:	Mark J. Fitzgerald	Reg. No.	48,300
Signature:		Date: 12/07/05	Telephone: (505) 665-5187